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# The feasibility of application of horizontal oil recovery technologies taking into account the geological and technological conditions

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## Abstract

Currently residual hard-to-recover reserves are confined to the deposits which are characterized by complex geological structure, low and ultralow permeability, high viscosity oil, the presence of faults, active plantar waters and gas caps. Efficient development of such requires new methods of oil production to ensure increased wells productivity, intensive rates of selection and high ultimate oil recovery at an acceptable profitability The expediency horizontal technology application in accordance with geological and technological conditions is given. The author discusses obstacles to widespread implementation of horizontal technologies in Tatarstan. The possibility of hydrodynamic research directly in the horizontal part of the hole is shown.

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## Keywords

Boring of lateral horizontal trunks, Complex technology development, Horizontal technologies, Hydrodynamic research in the horizontal part of the trunk, The surface inflow